

OXC-0042
OP / OF /

7 October 1959

Air Force Cambridge Research Center
Laurence G. Hanscom Field
Bedford, Massachusetts

STAT
Attention:

Dear Sir:

In connection with work we are doing on Contract AF 33(600)-37827, we are concerned with isobaric surface shapes. In a telephone conversation with Norman Sissenwine yesterday, he recommended that our questions be framed concisely in writing for your consideration.

We would like to know how the shape (i.e. altitude above sea level) of an isobaric surface depends on the following: season; latitude; longitude and/or sidereal (or solar) time; and altitude (in the range 80,000 to 120,000 feet only). We are concerned with this both parallel to and perpendicular to wind direction, if this is a pertinent consideration.

If there are security restrictions on the data we have requested, we can establish need-to-know. Furthermore, if you feel the information we desire can best be transmitted verbally, we can arrange to visit Bedford at your convenience.

Your recommendation of the best method by which we can obtain data within the next two weeks would be appreciated.

Sincerely

Hills

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MDR:mb

cc: LEW
SWB

25 YEAR RE-REVIEW